

Docket No.: 64235-014

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
	:	
Yasushi KANADA	:	Confirmation Number:
	:	
Serial No.:	:	Group Art Unit:
	:	
Filed: October 31, 2003	:	Examiner:
	:	
For: HUMAN COMMUNICATION SYSTEM	:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The relevance of each of the references listed on the attached Form 1449, are discussed in the present specification.

Serial No.:

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Keith E. George

Registration No. 34,111

600 13th Street, N.W.
Washington, DC 20005-3096
(202) 756-8000 KEG:gav
Facsimile: (202) 756-8087
Date: October 31, 2003

SERIAL NO.

FILING DATE
October 31, 2003

GROUP

(PTO-1449)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number 4 -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Colin Lowe and Laurent Babarit., " Distributed 3D audio rendering." HP Labs., http://www7.scu.edu.au/programme/fullpapers/1912 July 25, 2003 pp. 1-9
		A. Singer et al., "Tangible Progress: Less Is More In Somewire Audio Spaces." Papers CHI 15-20 MAY 1999. pp. 104-11 & 625.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.